



Nebraska Public Power District

Always there when you need us

**GERALD GENTLEMAN STATION UNITS 1&2
FLUE GAS DESULFURIZATION SYSTEMS**

Sargent & Lundy

Specification G-5301
Issue: Client Comments, Rev. 3
September 8, 2011
Project No. 12681-006

SECTION 012513

ACCEPTABLE SUPPLIERS AND PRODUCT SUBSTITUTIONS

PART 1 – GENERAL

101. PRODUCT SUBSTITUTIONS

- 101.1 CONTRACTOR shall request a substitution in writing in accordance with DISTRICT's General Contract Requirements.
- 101.2 CONTRACTOR must supply at his expense any information and/or test requested by the Engineer and/or DISTRICT to determine acceptability of the substitute. Any purchase of proposed substitute products by the CONTRACTOR prior to acceptance by the Engineer and/or DISTRICT will be at the CONTRACTOR's own risk. Where substitutions alter the design or space requirements, the CONTRACTOR shall accomplish the revised design and construction with no additional charge to DISTRICT.
- 101.3 Pressure retaining parts may be supplied from either domestic or foreign manufacturers with one exception: Pressure-retaining parts manufactured in China are not acceptable unless specified by the DISTRICT in the request for quote and/or purchase order. If foreign manufactured pressure-retaining parts are to be supplied, the manufacturer shall be ISO 9001:2000 certified.

102. ACCEPTABLE SUPPLIERS

Listed below are the acceptable suppliers for major equipment and components. All other acceptable suppliers for miscellaneous civil/structural, architectural, coating, plumbing and HVAC products are listed in their respective technical sections.

MECHANICAL EQUIPMENT

CCI
Tyco

Air Compressors (Dryers and Receivers)

Atlas Copco
Gardner-Denver
Ingersoll-Rand
Sullair

Couplings – (Flexible)

Falk
Koppers (Fast)
Thomas
Rexnord

Ball Mills

Metso Mineral
FFE Minerals
Polysius
Outokumpu
GEC Alstom

Dampers

Air Clean Damper (TLT-Babcock)
Bachmann Industries
Bachmann Dampjoint
Mader
Stajasa USA
Wahlco-Metroflex

Control Valves – General Service

Fisher Controls
Masoneilan
Rockwell Edwards
Copes Vulcan

Expansion Joints

Bachmann Industries
Bachmann Dampjoint
Flow Flux

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Senior Flexonics
RM Dynex
Frenselit
Wahlco

Kone Cranes
Whiting
Yale International
Wazee Crane

Fans

ABB
Chicago Blower
Howden
Flakt Wood
New York Blower
TLT (USA)
Zum
Barron
Robinson

HVAC Air Handling Units – Custom

Ellis & Watts
Webco
Marlo
York
Trane

Flow Nozzles

Daniel Industries
Fluidic Techniques
Triad Measurements
Bete Fog
Lechler
Spraying Systems

HVAC Roof Fans (> 60" diameter)

Aerovent
Industrial Air
New York Blower
Moffitt

HVAC – Air Conditioning Equipment

Trane
Carrier
York

Heat Exchangers (Plate and Frame)

Alpha Laval
APV Crepaco
Graham Manufacturing
ITT Standard (Bell & Gosset)
Schmitt – Bretten

HVAC – Controls

Trane
Carrier
York

Heat Exchangers (Shell and Tube)

Atlas Industries
ITT Standard Heat Transfer Dept.
Yuba Heat Transfer
TEI
API Basco
Conco Systems
American Heat Exchangers
Hydrodyne
Holtec International

HVAC – Package Units

Carrier
McQuay
Trane
York
Mitsubishi

Hoisting Equipment – Hoist, Trolleys & Jib Cranes

Columbus McKinnon (CM)
Harrington Hoists
RGC (Reimann & Georger Corp.)

Mist Eliminators

Koch-Otto York
Munters
Coastal Technologies

Piping (Shop Fabricated)

Bendtec
International Piping Systems (IPS)
Shaw Group
Team Industries

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Primary Dewatering Hydroclones

Krebs
Weir Slurry Group
EIMCO Process Equipment

Delkor
Krupp
Orenstein & Koppel
BHS Filtration

Pumps – Metering

Milton Roy
Neptune
Pulsafeeder

Valves – Ball

Apollo
Jamesbury
Velan
Hayward (PVC)
Worcester Controls (Flowserve)
Nibco

Pumps – Sump

Flygt
Flowserve
ITT Industries – Goulds
Hazelton (Submersible)
GPMCO (Submersible)
Lawrence Pump, Inc.
Weir

Valves – Butterfly (AWWA and High Performance)

Fisher
Henry Pratt
Jamesbury
Keystone
Tyco
Durco
DeZurik
Xomox

Pumps – Miscellaneous Horizontal and Vertical

Flowserve Corporation
ITT Industries – Goulds
Sulzer Pumps (Includes PACO)
Weir
Sundyne Corporation
GIW Industries
Union Pump
Warren Rupp (Diaphragm)

Valves – Cast Steel Gate, Globe & Check Valves

Weir (Atwood & Morrill)
Pacific/Crane
Powell
Velan
Flowserve (Edwards)

Tanks – Field Fabricated

Brown Minneapolis Tank
Chicago Bridge & Iron Construction
Kennedy Tank & Manufacturing
Columbia TecTank (Bolted tanks only)

Valves – Forged Steel

Bonney Forge
Hancock
Velan
Vogt

Tanks – Shop Fabricated – Steel

AZCO
Arrow Tank
Kennedy Tank & Manufacturing

Valves – Safety & Relief Valves (Miscellaneous)

Anderson-Greenwood
Consolidated Dresser
Crosby
Kunkle

Vacuum Filters, Horizontal Belt

Filtres Philippe
EIMCO
Komline-Sanderson
Dorr-Oliver

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ELECTRICAL EQUIPMENT

Cable Terminations and Accessories

3M
Raychem

Motor Control Centers, Starters and Contactors

Allen Bradley
Eaton
General Electric
Siemens
Square D

300V Instrument Cable & 600 V Control Cable

Anixter
Belden
Houston Wire and Cable
Kerite
Okonite
Pirelli
Rome Tamaqua
General Cable

600V and Medium Voltage Power Cable

Anixter
Belden
BICC/Cablec
Houston Wire and Cable
Kerite
Okonite
Pirelli
Rome Tamaqua
General Cable

Distribution, Transformers and Power Panels

ABB
Eaton
GE

Building Area Lighting

Hubbell
General Electric
Holophane Lighting
Crouse-Hinds
Sylvania
Phillips

Motors – Low Voltage

General Electric
Siemens
TECO/Westinghouse
Reliance Electric
Toshiba
WEG
Marathon Electric

Motors – Medium Voltage

General Electric
Siemens
TECO/Westinghouse
Toshiba
WEG
EM (Electric Machinery)

Variable Frequency Drives – Low Voltage

Allen Bradley

Auxiliary Relays

Allen-Bradley
Square D
Eaton

Solenoid Valves

ASCO

Valve Motor Operators

Limitorque
AUMA
Rotork

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CIVIL/STRUCTURAL EQUIPMENT

Building Siding

Centria
Metecho-Morin
MR&D

Elevators – Rack & Pinion

Alimak (Intervect)
Champion

Oil Water Separators

Highland Tank & Manufacturing
Hydroflo Technologies
PS International

Steel, Fabricated

Central Texas Iron Works
Cives Steel
Merrill Steel & Iron
TJV
Qualico
Structural Steel Services

INSTRUMENTATION AND CONTROLS EQUIPMENT

Transmitters - smart (Pressure and Differential Pressure type)

Honeywell
Rosemount
Yokogawa

Transmitters (Radar/Ultrasonic type)

Rosemount
Siemens

Magnetic Flow Transmitters

Foxboro
Krohne
Rosemount

Analyzers (pH/Conductivity)

Foxboro
Rosemount
Yokogawa

Thermocouples/RTD's

Conax
Rosemount
Thermo Electric

Local Pressure Gauges

Ashcroft
Ametek – United States Gauge
Bristol Babcock/Helicod
Swagelok

Local Thermometers

Ashcroft
Weksler

Level Probes/Switches (RF/Capacitance)

Drexelbrook

Level Switches (Paddle type)

Bindicator

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Damper Actuators

Beck (preferred)
Jordan
Limitorque
Rexa

Vibration Monitors

Bently Nevada

Programmable Controllers

Modicon
Allen Bradley

Tubing Fittings

Swagelok
Parker

Valve Manifolds

Anderson-Greenwood
PGI
Swagelok

Valve Positioners

Valtek
Metso
Fisher

Controllers

Honeywell
Masonelcian
Fisher

END OF SECTION 012513

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